

Columbia University  
in the City of New York

DEPARTMENT OF ZOOLOGY

Dear Josh,

I had the paper typed up & have drawn the figured *Marcus* though it was good. Schrader thought it was unavoidably hard to read. Suggested an expanded summary with more emphasis. Sally will read it tonight. I'll hold off sending you a copy until it is revised.

With regard to acknowledgements:

1. I don't think either Beadle or Lil need be thanked. Beadle has been thanked before for leucineless & his role in this development.

After all the nature of the paper itself  
is going to make it part of Beadles  
& Tatum's work." I feel that either  
Lil contributes enough to a job to  
be an author or not. I don't want to  
acknowledge paid technical help  
unless its really significant.

Brand found out from Miller that  
the OSRD need not be mentioned.  
The same for your drug company  
grant. The same, according to  
Dunn, for the Rockefellers grant.

The only person who might possibly  
be mentioned is Brand - but how  
did he help. I think well lack  
knowledge of no one. Reading other  
persons manuscripts is part of  
ones job in a dept. — that is  
assumed.

After our names I have written  
Dept of Zoology & College of Physicians

surgeons. The Dept. of Biochemistry  
contributed nothing to the work.

I don't know now whether I'll  
be able to get the chemical analysis  
of leucine or the bioassay completed  
in time. Our Fries is atrocious. I  
don't know what has happened  
but one of our bottles of salt  
contains dirt that looks like  
floor sweepings or tobacco. We are  
getting fresh chemicals. I may be  
able to demonstrate leucine in  
the adapted by chemical means.  
That is the most imp. point  
anyway since I think your idea  
of sensitivity to leucine less in  
wild type & adapted stocks is the  
most sensitive physiological  
criterion.

What the hell is an alleygating  
agent? Never heard of one. I mean, a  
new word, no doubt.

I think a study of lack mutations in Ed's mustard mutants would add very little to our knowledge of mutations. However, if we had time we might run a Rellstück. So send us an a.g. culture.

Also don't forget your triple mutant. And the leucine absorption data. I found my Regnery papers in a notebook of yours that you left behind on your desk. I have enclosed a list of a few unfinished businesses of yours. Reflect on it sometime.

Hope by now you have gotten started. See you soon,

Sincerely  
Francis.